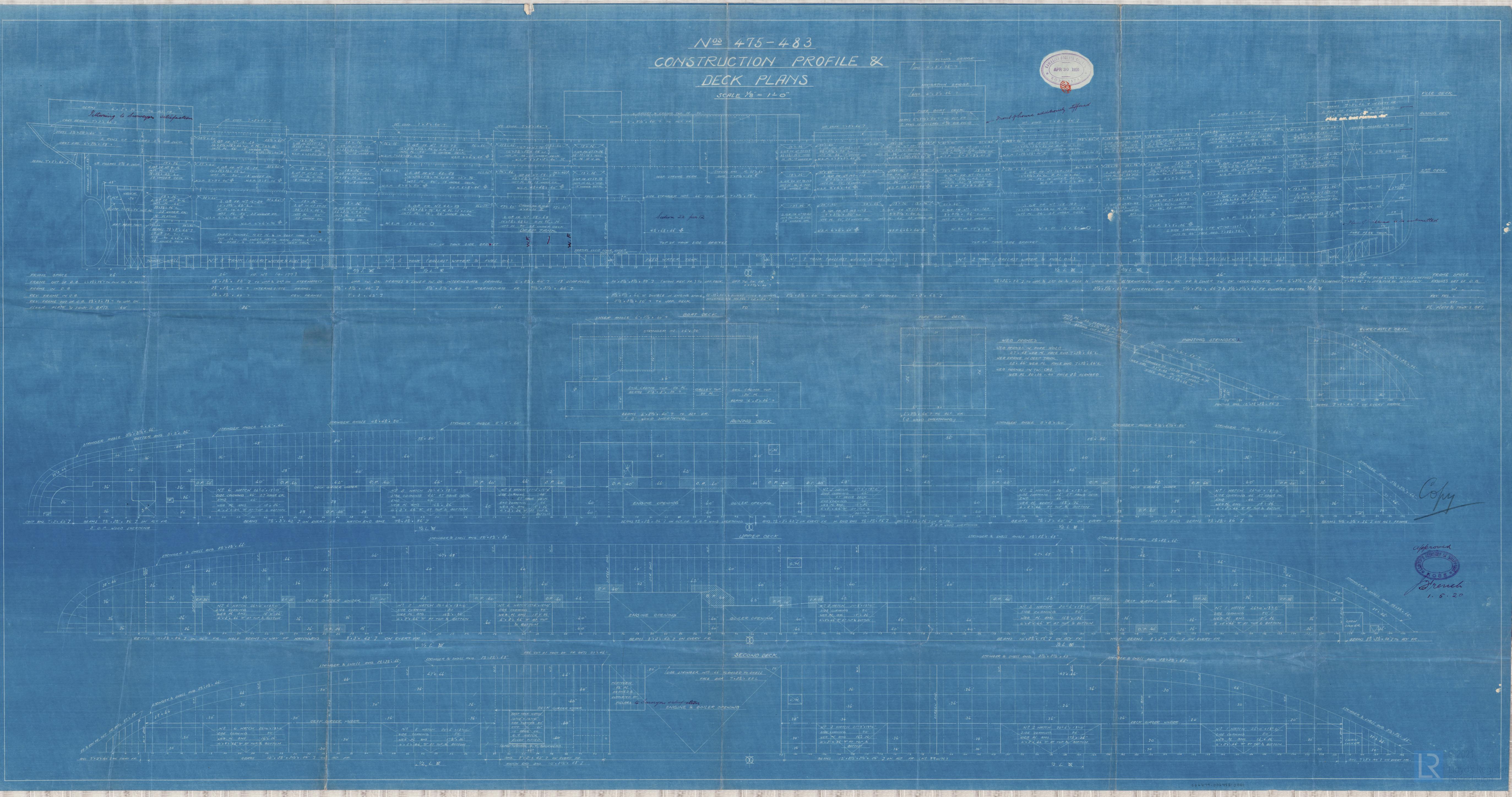


Kawasaki Dockyard Co. LP.
Yard Nos 475-483.
See Kobe letter 1.5.1920

Grofile & Deck.

Ger Box 3269.

'Bordenn Mann!



Howasahi Janoho 483 midship Section

Kobe Rht in 4186

006479-006488-0002

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Nº 483 9.700 TON D.W. STEAMER SCANTLING NUMBERS 4/0 TO AW. OK. 10.95 MIDSHIP SECTION. PRINCIPAL DIMENSIONS

LENGTH BETWEEN P. P. 405 0"

BREADTH MOULDED 53'0"

OEPTH " TO AW. DECK 37 LO" d .. UP. .. 2565 IN MACH SPACE. HEIGHT BETWEEN UP & AW. OKS. 8-0"
7 2NO 9-6" TO CLASS TEISHINSHO RULE 15T CLASS VESSEL & LLOYD'S 100 AI AWNING DECK WITH FREE BOARD. . AW. " F'CLE . 643" SCALE 2 TO A FOOT. PLAN NO CASING TOP PLATING . 30 BEAMS 32 . 31.34 7, 30 APART. FORGING & CASTINGS STEM OF ROLLED MILD STEEL 102" 23/4"

STERN FR. PROP. POST. 102" x 72" LOF CAST STEEL

RUODER " 9" x 72" LOF CAST STEEL TIE PL. 15" .. 30" RUDDER FRAME OF CAST STEEL AS PER DETAIL PLAN DK. PL. . 30 . 40" UNDER WINDLASS 3.37.30"7 BOAT DECK DEAMS 6. 32. 40 7 TO ALT. FR. - EQUIPMENT NUMBER LONGITUDINAL NUMBER 1 18 FCLE. OK. ERECTIONS (405 x 8 x 0.75) + (31.45 x 6.25 x 0.75) = 2577.42 DECK HOUSES (55.25 x 8.75 x 0.5) = 241.72 " (13+26) × 7.5 × 0.5 = 146.25 " 35.34 × 7.75 × 0.5 = 137.72 NUMER AL = 36,313.11 CASING . 26" PL. 38 WHERE EXPOSED, COAMING PL. 34" 8.44" COAMING ANG. 31/2 . 3 34", 44 WHERE EXPOSED 32 34 7 30 APART NUMER HL

EQUIPMENT.

3 BOWER ANCHORS (STOCKLESS) 6/ C.W.T. EACH

1 STREAM (COMMON) 17½ " EX STOCK

24½ STUD CHAIN CABLE 270 FATHOMS

4¾ STEEL WIRE FOR STREAM ANCHOR 90 "

5" " TOW LINE 120 "

2 COILS OF 8" MANILLA 90 " EACH

2 " 7" " 90 " EACH STIFFES 3" 3" 30 7, 32" 3" . 38 7 WHERE 218.42" EXPOSED. 30" APART 8-6 (E. & B.) RAIL 5/2x 3" 1. 35 -7 IN WAY OF MIDSHIP ACCOMMODATION STR. PL. 55 . 54 - 35 x 44 WOOD OK. 3 O.P. IN WAY OF ACCOMMODATION 35 . 3 , 34 OK PLATING .40 5 . 5 1.60 - /35 135 1.44" ROWS OF RIVETS IN BUTT 1/2 L 🛭 ENOS ITEMS AWNING OK. STRINGER PLATE AWN. OK. BEAMS: - 72" x3 x. 42" I TO EVE. FR. WHERE NO WOOD OK. FITTED

92" x32" x . 56" I TO ALT. FR. IN WAY OF ACCOMMODATION,

8 UNDER FORECASTLE DECK. 22 v 42 TO EV. FR. PLATING STRINGER PLATE 27 x. 54 FOR ALT. BEAMS M SHEER STRAKE 47".68"- .46" PLATING EXCEPT TOP OF DEEP TANK STRAKE BELOW SHEER STRAKE SIDE PLATING OF SHELL E. & B. CASING .30, CORMING PL. 40

CORMING ANGLE 3/2" x 32" x .40"

STIFFE 3"x3" x .34" 7 FOR B. CASING 26" APART

" 2/2" 3" x .34" 7 " E. " KEEL PLATE L 58 x 64" - 46 (47 BY RULE) INNER BOTTOM PLATING MARGIN PLATE CENTRE GIRDER FORE CASTLE DK. STRINGER PLATE STR. Pl. 47" x 48" - 35" x 44" MACHINERY SPACE STR. & SHELL ANG. 32 . 32 . 48 - 44 G\$ 8.32.40 7 DEPTH UNDER DK. 24" UPP. DK BEAMS:- 8 x 3 x . 42 7 TO EVE. FR. WITH 4"x 3"x . 42 7 REV.

BAR TO ALT. AMS. AT SIDES OF CARGO HATCHWAYS & (E.& 8) OPENINGS & 82 x 32 x 60 7 TO ALT. FR.

IN FORE AEAK. 10 x 32 x 56 7 WITH 4 x 3 x 50 7 REV BAR TO ALT. FR. ELSE WHERE. 10 x 32 x 56 7

UNDER ACCOMMODATION: HATCH END RMS. 12 x 32 x 46 7 OR 12 x 50 PL. WITH 32 x 32 x 50 ANG. IC 39 x. 54" 28 x . 54 UNDER ACCOMMODATION RIVETING STRONG BEAMS IN MACH SPACE; - 7:32:50" ANG. PL. 13.60" 1 2 IN NUMBER. ITEMS 7, 52 IN PEAK & DEEP TANKS & IN DOUBLE BOTTOM BEFORE 3/5L & ALSO IN MACH SPACE SIDE PLATING F-K 62 - 44.
OZ INCREASED IN THICKNESS WHERE
TWO SIDE STRINGERS ARE DISPENSED WITH BUTTS OF SHELL PLATE 32, 4 IN 4PLE BUTT LAP W. S. PILLARS & GIRDERS AS PER S-FOR IS RW. 6-FOR I'RIV. 7-FOR THEW. IN NO BETWEEN FRS. & 4 DIA. CE TOCE AT ENDS STRUCTURAL PROFILE. DK. PLATE TO BMS.
BUTTS OF STRINGER PL. 7. 6 ON BEAMS TO ALT. FR. & IN DEEP TANK 72 EDGES " OK. STR. "

OOUBLE BOTTOM

BUTTS OF MARGIN PL & CENTRE GIRDER OK PL 34- 30, 60 OVER DEEP TANK. BUTTS & EDGES OF INNER BOTTOM PL.
MARGIN ANGLE EF TANK TOP, 62" STR. & SHELL PAG. 32-35" 18-,44" SIDE STRINGER IN MACH. SPACE 7' 32' 4 .58" FACE BAR FLOOR PL. TO FR. & REV. FR.

VERTICAL ANG. ON CR GR AT ENDS TOP & BOTTOM ANG ON SIDE GIRDER 4. W. IN Nº BETWEEN TO BUTTS & SEAMS OF BHO PL. WITH INTERCOSTAL PL. 44 E | 2 NO OK. BEAMS :- 12:312:312:54] TO ALT. FROME.

7 . 3 . 40 7 TO EVERY FR. IN PERKS.

DEEP TANK TOP 82:3 x . 42" 7 TO ... WITH 3 ROWS OF GIRDER. 4 RW. IN Nº BETWEEN FRS.

47 EXCEPT BOUNDARY SHO OF DEEP TANK

WHERE 3 \$\frac{1}{2}\$

5 FOR SHELL FL. 4\frac{1}{2}\$ FOR BULKHERD FL. HATCH END BEAMS IN DEEP TANK 10 , 82 . 58 7 29 x . 50 IN PEAKS. STIFFENERS
SIDE STR. FACE ANGLE

" SHELL FLANGE OF INTERCOSTAL PL

W.S. PILLARS & GIRDERS EXCEPT GIRDER TO DK. 4 RIV. IN Nº BETWEEN FRS. INTERCOSTAL PL OF DK. GIRDER TO DK. SHELL PL. TO STEM & STERN FRAME. CENTRE GIRDER 43'x 50 - 40, 60 W B SP. SPACE 26 & 24" IN PEAKS. ALTER IN WAY OF FOLE OK. ALTEX, & UPP. & FOLE PKS.

LOWER TW. DK, INTERMEDIATE, UPP. TW. DK. & ERECTION SIDE INTERMEDIATE FRS. 6:32: 407 SCARPHEDIATE FORE PROFILE

FORE PERK! . 40" - 36" 50" IN B. SP. TOP 32 FLANGED TO INNER BOTTOM

EXCEPT IN E. SP. UNDER W. S. PILLARS &

BEFORE VS L. & WHERE 3/2 x 3/2 v . 40 ANG. W. T. BULKHEADS 7 IN NUMBER EXTEND TO UPPER DECK

EXCEPT COLLISION & AFT END BHD OF DEEP TANK
WHICH FORMER EXTEND TO AWN, DK. & THE LATER

EXTEND TO SECOND DECK
BULKHERD STIFFENERS AS IN FOLLOWING TABLE:-Nº OF SIDE GIRDER - TWO AT EACH SIDE & ADDITIONAL GIRDER IN E. SP. & BEFORE \$5 L. \$5 MARGIN PL. 48, 58" IN B. SP. DEPTH ABOVE 33"- 28".

HT AFT END, ABOUT 44" IN E. & E. SP.

FL. PL. & T SIDE BRACKETS .40"- 36", 50" IN B. SP. NTERMEDIATE TW. OK. FRS. 6x32x38" 7 SCARPHED.

AFT PEAK: FR. 6x32x38" 7 EXTEND TO AWN. DK.

REV. FR. 32x3x38" 7 EXTEND TO AWN. DK.

REV. FR. 32x3x38" 7 " " UPP. "

DEPTH. OF FR. 6"

WEB FRAMSS AT FORE END HOLD

WEB PL. 27x48, FACE ANG. 7"x32"x.64" 7

SHELL ANG. 3/2x8/2x 48" SINGLE

W. FR. IN DEEP TANK: WEB PL. 23x44", FACE ANG. 7x8/2xx64" 7

SHELL ANG. 3/2x3/2x44", FACE ANG. 7x8/2xx64" 7

SHELL ANG. 3/2x3/2xx44" SINGLE

MACH. SPACE: 10x3/2x37xx50" 3 WITH REV. 3/2x3/2x50" 7

EXCEPT PR. Nº 88 WHERE 5x3/2x50" 7, ALL EXTEND TO UPP. OK.

UPP. TN. OK. FR. 6x3/2x40" 7 SCARPHED. 7 x 3 1/2" x . 44"] EXTENO TO UPP. & FELE OKS. ALTERNATELY. INNER BOTTOM PLATING.
M. LINE STRAKE 43"x. 50" - 40", 56" IN 3 SP. HOLD LOWER TWEEN DECK UPPER TWEEN DECK FRAME Nº STIFFENERS SPACING STIFFENERS SPACING STIFFENERS SPACING SIDE STRINGER IN Nº 1 HOLD STR. FACE ANG. 7 3/2 . 58 WITH INT. AL. 44 BEING CUT BET. FRS. PANTING STR. 27" 1.38" FACE 4" FLANGED 35" 40" IN FORE PEAK TANK E. SP. & UNDER B. BEARER 42 x 42 x .60" TF UPP. TN. DK. FR. 6'13'2'1 40 7 SCARPHED. " 177 H= "8:35 x. 44" 7 45 UNDER 5 . 3 x 40" " 24" 32 x 3 x 30" ANG. 24" IN DEEP TANK 8x32x.40 7 26 GUSSET ANG, 32" 35" 1.40"
TO EVERY 380 FR. &W. FR. 2/2 CEILING ON 2 CROSS BATTEN EXCEPT IN DEEP TANK. GUSSET ANG. 32 . 32 . 40 AN E. SP. 50 IN B. SP. TO EVE. FR. NO FLANGING IN E. S. & BEFORE \$ 5 WHERE 32 32 x. 40 ANG FITTED. 63£ I ZR. 6 6 4.46 x.46 32:35:50 - .48" DOUBLE IN E. SP & BEFORE \$5 L & SINGLE 42:42: 60" - .56 ELSE WHERE AFTER HOLDS, 1/8 RIV. 7-1/8 RIV. & 6-1/8 RIV. AT AFT ENO. 150. 24718 48" GIRGER VE ANG 3 3 x 40 6.6. 46/7/14-7/8 RW 5.5" + 56" 7 SINGLE WITH 15-3/4" RIV. - 32" 32 . 40 7 WITH 3/4 RIV P.= 50. 32:32 . 40 .50 W B.SP 14.4x.48 BILGE KEEL 6:4.50 T 9x.46 1 32 x 32 x 40 7 42 x 42 x 60 - . 56" BOTTOM PLATING (A-E) 64-48, A-D . OF REDUCED IN WAY OF DOUBLE BOTTOM. A 72" NO MAN HOLE IN FLOOR & SIDE GIRDERS UNDER W.S. PILLARS. BOSS PLATING 74"

3-STRAKES (A-C) TO MAINTAIN

MIDSHIP THICKNESS TO COLLISION BHO. INTERMEDIATE FRAME BOTTOM FORWARD STRENGTHENED AS 00 7.3 x. 42 7, 7 3 : 62 7 00 + + + + 3 FLANGEO 3/2 : 3/2 x .40" 7 , .50" IN B. SP. .40"-36", 50 IN B. SP. T DEC 24 1928 006479-006488-0002

To accompany Kohe Rft no 6148 4's BORDEAUX MARI

KAWASAKI DOCKYARD Co., LTD.

Builders No. 1 & 7 8.

S. S. Turbine Steamer "Rhine" & "Bordeaux".

Contrapropeller

Guide Rudder and Aft. Blades.

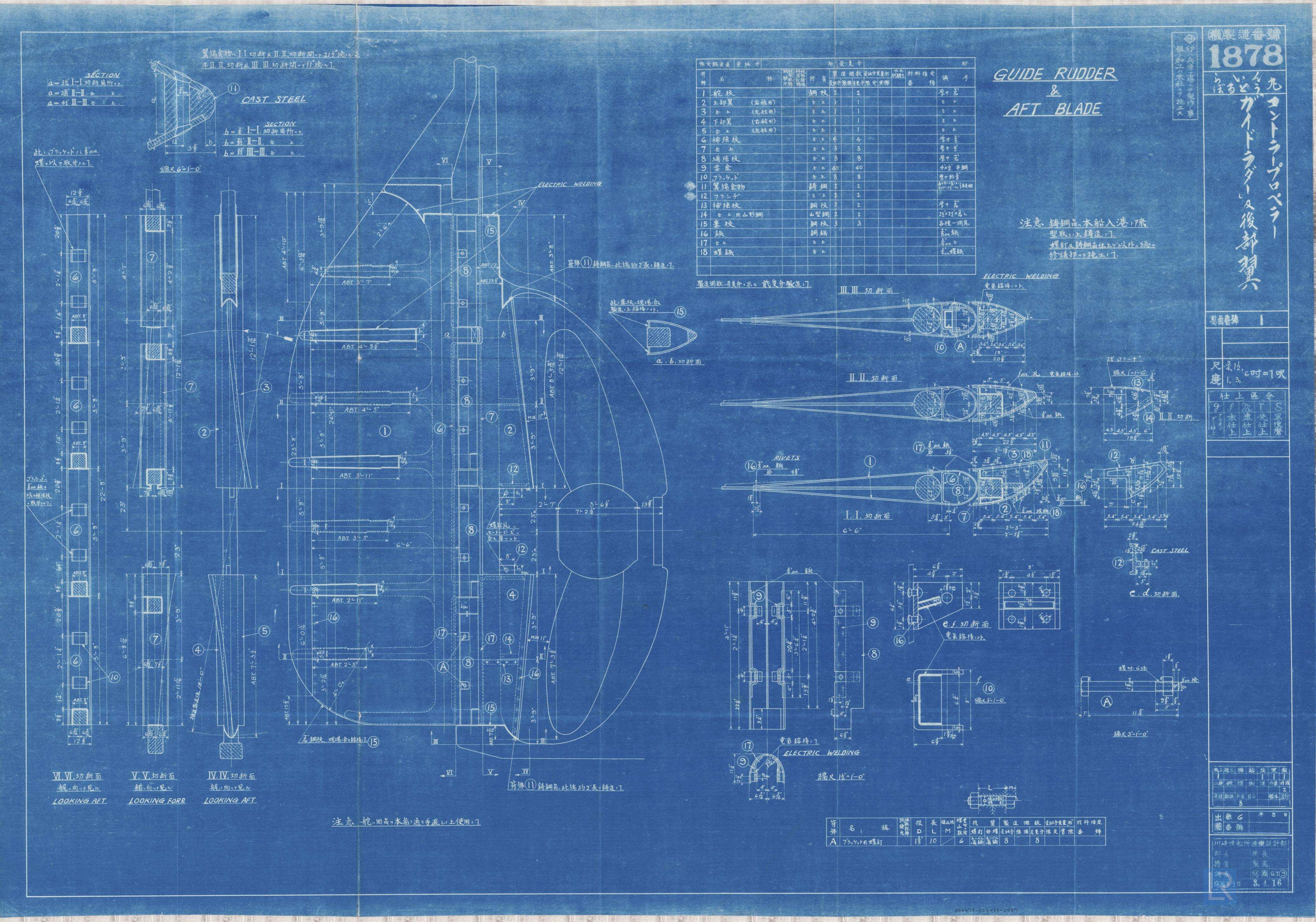
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To accompany Kobe Pft ho 6148
45 Bordeaux mam

KAWASAKI DOCKYARD Co., LTD.

Builders No. 1 5 7 5.

S. S. Turbine Steamer "Rhine" & "Bordeaux".

Contrapropeller

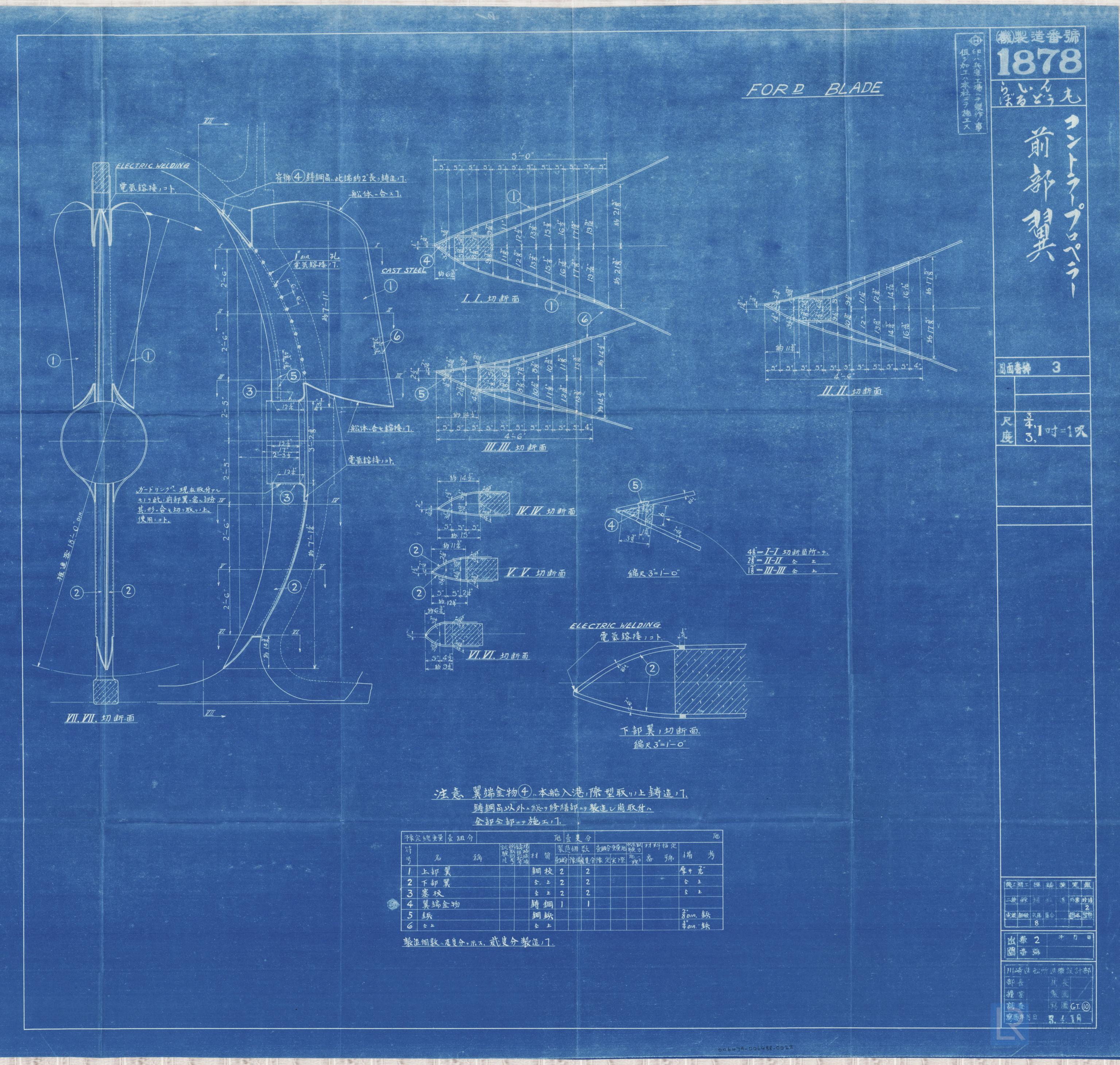
For'd Blades.

Drawing No. 3



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To accompany Wobs RH les 6148 8/5 Bordeaux Marn

KAWASAKI DOCKYARD Co., LTD.

Builders No. 1 8 7 8.

S. S. Turbine Steamer "Rhine" & "Bordeaux".

General Arrangement of

Contrapropeller.

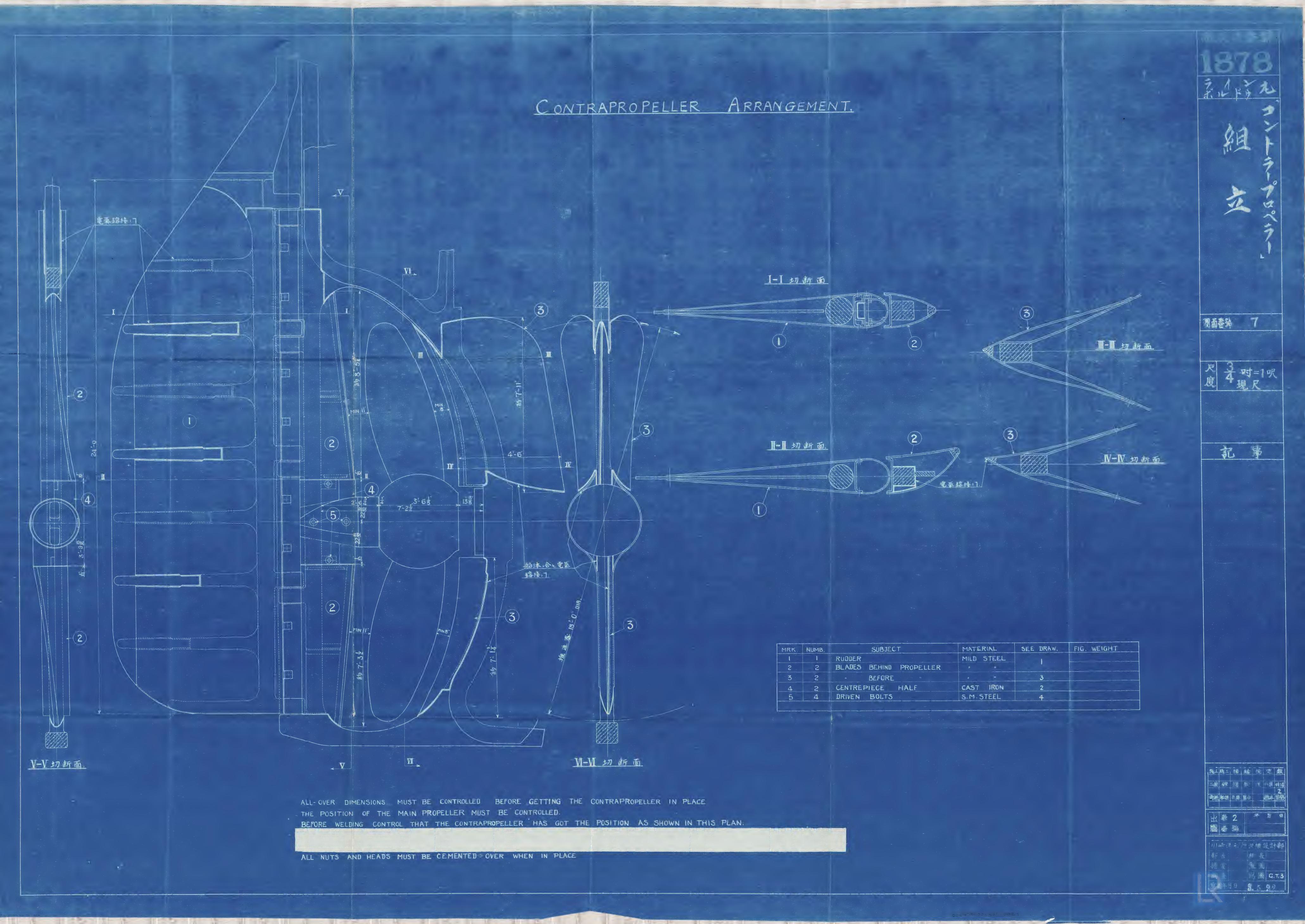
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Lo accompany. Kobe Report no 6148 45. BORDEAUX MARO

KAWASAKI DOCKYARD Co., LTD.

Builders No. 1 6 7 8.

S. S. Turbine Steamer
"Rhine" & "Boldeaux".

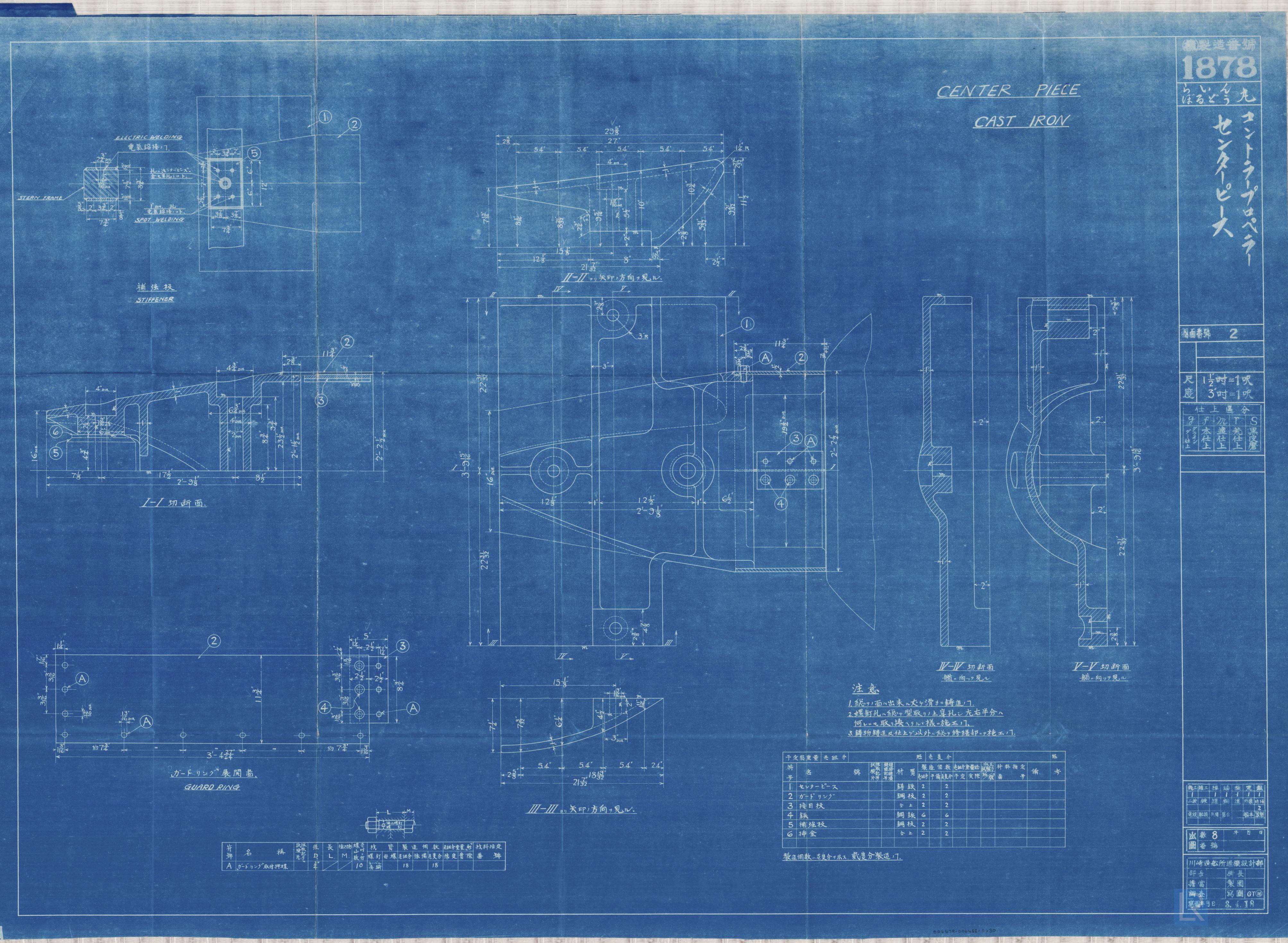
Contrapropeller

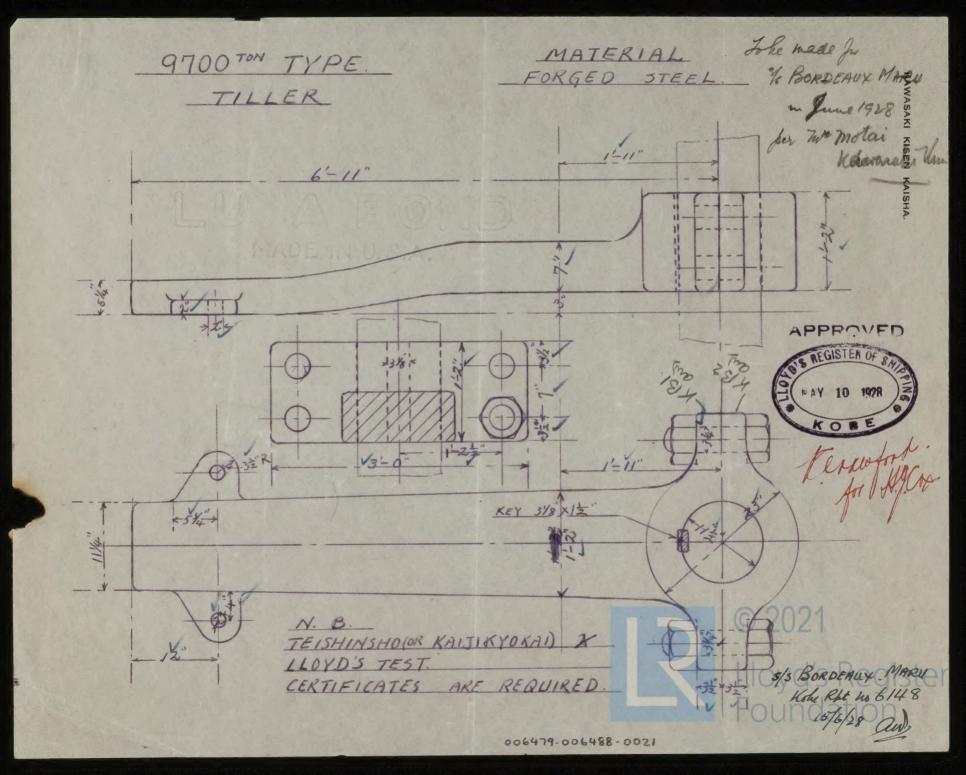
Center-pieces.

Drawing No. 2









S.S " BORDEAUX MARU ". REPAIR PLANT OF STERN FRAME 12/6/1928. PORT. -STAR BOARD -OUTSIDE PLATE EDGE STERN FRAME PORT SIDE DEPTH Y - 1/2" DEPTH STARBOARD SIDE